

POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

Summary Memorandum

Site ID: WA D010205060  
County: Spokane  
Priority Assessment: Low  
Backlog Red. Cat.:  
Date/Revised: 06/25/85

Name and Location:

Alumax Irrigation Products  
Spokane Industrial Park, Bldg. 2  
Spokane, WA 99220

Contact: Unknown  
Telephone: (509) 9223595  
Site Status: (X) Active ( ) Inactive ( ) Unknown

Site Description/TSD Activities:

Alumax was a zinc galvanizing operation until at least August 1983. The site is now occupied by Spokane Galvanizing, which is thought to be conducting the same type of zinc galvanizing operation on site.

Waste Types/Quantities/Characteristics:

Unknown waste types from current operations. Alumax' operation generated waste trichloroethylene, spent plating bath, and spent pickle liquor in small quantities. There were no known improper waste handling procedures when Alumax was in operation; unknown activities from present operation.

Physical/Social Environment:

Site is located in Spokane Industrial Park, east of Spokane. 1400 residents & 2800 transients are within one mile of site. There are 2 parks & 3 schools within one mile.

Pollutant Mobilization/Pathways/Risk:

Only known pathway would be through accidental discharge or spillage to ground. No known improper waste handling procedures from Alumax; unknown activities in current operation.

Priority Assessment/Backlog Reduction Category:

Low.

Followup Recommendations:

Determine fate of dragout sludges from current and past operations. If disposal practices are appropriate, then no further action needed at this site.

USEPA SF



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**POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
Part 1 - Site Information and Assessment**

**I. IDENTIFICATION**

01 State	02 Site Number
WA	D010205060

**II. SITE NAME AND LOCATION**

01 Site Name (legal, common, or descriptive name of site) <b>Alumax Irrigation Products</b>		02 Street, Route No., or Specific Location Identifier <b>Spokane Ind. Park, Building 2</b>	
03 City <b>Spokane</b>	04 State <b>WA</b>	05 Zip Code <b>99220</b>	06 County <b>Spokane</b>
09 Coordinates Latitude Longitude		07 County Code <b>063</b>	08 Cong Dist <b>05</b>
09 Coordinates		Section/Township/Range <b>NW1/4, SE1/4, Sec. 1, T25N, R44E, WM</b>	
10 Directions to Site (starting from nearest public road)			

**III. RESPONSIBLE PARTIES**

01 Owner (if known) <b>Unknown</b>		02 Street (business, mailing, residential)	
03 City	04 State	05 Zip Code	06 Telephone Number ( )
07 Operator (if known and different from owner) <b>Spokane Galvanizing</b>		08 Street (business, mailing, residential) <b>Spokane Industrial Pk, Bldg. 2</b>	
09 City <b>Spokane</b>	10 State <b>WA</b>	11 Zip Code <b>99220</b>	12 Telephone Number <b>(509)9223595</b>
13 Type of Ownership (check one) <input checked="" type="checkbox"/> A. Private <input type="checkbox"/> B. Federal: <input type="checkbox"/> C. State <input type="checkbox"/> D. County <input type="checkbox"/> E. Municipal <input type="checkbox"/> F. Other: <input type="checkbox"/> G. Unknown			
14 Owner/Operator Notification on File (check all that apply) <input checked="" type="checkbox"/> A. RCRA 3001, Date Rec'd: <b>08/21/80</b> <input type="checkbox"/> B. Uncontrolled Waste Site (CERCLA 103c), Date Rec'd:    /    / <input type="checkbox"/> C. None			

**IV. CHARACTERIZATION OF POTENTIAL HAZARD**

01 On Site Inspection <input checked="" type="checkbox"/> Yes, Date: <b>8/21/83</b> <input type="checkbox"/> No By (check all that apply): <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA Contractor <input checked="" type="checkbox"/> C. State <input type="checkbox"/> D. Other Contractor <input type="checkbox"/> E. Local Health Official <input type="checkbox"/> F. Other: Contractors Name(s):		02 Site Status (check one) <input checked="" type="checkbox"/> A. Active <input type="checkbox"/> B. Inactive <input type="checkbox"/> C. Unknown		03 Years of Operation beginning year ending year <b>Unk</b> <b>Pres</b> <input type="checkbox"/> Unknown	
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04 Description of Substances Possibly Present, Known, or Alleged  
**Alumax was a zinc galvanizing operation known to be in business as late as August, 1983. Site is now occupied by Spokane Galvanizing, thought to be conducting similar operations on site.**

05 Description of Potential Hazard to Environment and/or Population  
**Unknown where dragout sludges are disposed in past and current operations. No known problems with Alumax's operation. Site is partially paved; wastewater goes to Spokane Industrial Park Treatment Plant. Only population risk is through direct contact.**

**V. PRIORITY ASSESSMENT**

01 Priority for Inspection (check one; if high or medium is checked, complete Part 2 and Part 3)  
☐ A. High (inspection required promptly)    ☐ B. Medium (inspection required)    ☒ C. Low (inspect on time available basis)    ☐ D. None (no further action needed complete current disposition form)

**VI. INFORMATION AVAILABLE FROM**

01 Contact <b>Ned Therien</b>	02 Of (agency/organization) <b>WDOE</b>		03 Telephone Number <b>(206) 4596280</b>	
04 Person Responsible for Assessment <b>Barbara Morson</b>	05 Agency	06 Organization <b>SAIC</b>	07 Telephone Number <b>(206) 7477899</b>	08 Date <b>06/25/85</b>



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State WA	02 Site Number D010205060
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II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ( ☒ ) A. Groundwater Contamination      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup>0</sup>      04 Narrative Description  
None reported or suspected. Groundwater is at 85-140 ft in unconsolidated glaciofluvial deposits of the Spokane Valley/Rathdrum Prairie aquifer. Aquifer is designated sole source.

01 ( ☒ ) B. Surface Water Contamination      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup>0</sup>      04 Narrative Description  
None reported or suspected. Nearest downgradient surface water is the Spokane River, 7500 ft SSW at a slope of <3%. Surface water is used for irrigation.

01 ( ☒ ) C. Contamination of Air      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup>0</sup>      04 Narrative Description  
None reported or suspected. 1400 residents and 2800 transients are within one mile.

01 ( ☒ ) D. Fire/Explosive Conditions      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup>0</sup>      04 Narrative Description  
No known certified fire/explosion hazard.

01 ( ☒ ) E. Direct Contact      02 (    ) Observed (Date:            )      ( ☒ ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup><100</sup>      04 Narrative Description  
None reported. Operations take place inside building. During SAIC drive-by visit (5/14/85), a plating tank and 12 apparently empty drums were stored outside the fence. Rest of site is fenced.

01 ( ☒ ) F. Contamination of Soil      02 (    ) Observed (Date:            )      ( ☒ ) Potential      (    ) Alleged

03 Area Potentially Affected (acres): <sup><1</sup>      04 Narrative Description  
None reported. Area inside fence is not paved, so there is some potential if spillage occurs. Native soils are Garrison sandy loams of moderately high permeability.

01 ( ☒ ) G. Drinking Water Contamination      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup>0</sup>      04 Narrative Description  
None reported or suspected. Over 35,000 people supplied by wells within 3 miles. Nearest known well is on-site in the industrial park where facility is located.

01 ( ☒ ) H. Worker Exposure/Injury      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Workers Potentially Affected: <sup>0</sup>      04 Narrative Description  
None reported or suspected.

01 ( ☒ ) I. Population Exposure/Injury      02 (    ) Observed (Date:            )      (    ) Potential      (    ) Alleged

03 Population Potentially Affected: <sup><100</sup>      04 Narrative Description  
None reported. Only known risk is through direct contact, & this is considered low.

POTENTIAL HAZARDOUS WASTE SITE  
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Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State

02 Site Number

WA

D010205060

II. HAZARDOUS CONDITIONS AND INCIDENTS (continued)

01 ( ☒ ) J. Damage to Flora

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

01 ( ☒ ) K. Damage to Fauna

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description (include name[s] of species)

None reported or suspected.

01 ( ☒ ) L. Contamination of Food Chain

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

01 ( ☒ ) M. Unstable Containment of Wastes

02 ( ) Observed (Date: )

( ☒ ) Potential

( ) Alleged

(spills/runoff/standing liquids/leaking drums)

03 Population Potentially Affected: <100

04 Narrative Description

None reported. Fate of dragout sludges is unknown.

01 ( ☒ ) N. Damage to Offsite Property

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

01 ( ☒ ) O. Contamination of Sewers,  
Storm Drains, WWTPs

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected. Facility discharges to the Spokane  
Industrial Park Treatment Plant.

01 ( ☒ ) P. Illegal/Unauthorized Dumping

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

05 Description of Any Other Known, Potential, or Alleged Hazards

None known.

III. TOTAL POPULATION POTENTIALLY AFFECTED: <100

IV. COMMENTS

None.

V. SOURCES OF INFORMATION (cite specific references: state files, reports, etc.)

EPA/ERRIS files; WDOE files; USGS Greenacres Quad (1973); WDSHS Water  
Supply Listing; WSB #27 (1969); USDA, SCS Soil Survey, Spokane Co.  
(1968); WDOE Surface Water Right Withdrawals; SAIC drive-by (5/14/85);  
Spokane Co. Population Rep. (1981); Spokane Valley Street Map (1980).